Steganography is a technique of hiding secret data into digital images in different domain like frequency, spatial or wavelet. Data hiding in image change its statistical properties which leaves vulnerability for Steganalysis. In this paper a effective study is carried out for frequency domain Steganography and It’s effects in spatial domain. Study shows that secret data embedding in frequency domain reflects significant changes in spatial domain w.r.t embedding algorithm. A set of feature is identified for the analysis of covert communication through the image.

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